

# COPY

Atty. Dkt. No.4714 PI/AMI-00-11

## COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

This declaration is of the following type:

- ☐ original  
☒ divisional  
☐ continuation  
☒ continuation-in-part

MING XI, ASHOK SINHA, MORIS KORI, ALFRED W. MAK, XINLIANG LU, KEN KAUNG LAI AND  
KARL A. LITTAU

My residence, post office address and citizenship are as stated below next to my name. I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

### TITLE OF INVENTION

METHOD AND APPARATUS FOR DEPOSITING REFRACTORY METAL LAYERS EMPLOYING  
SEQUENTIAL DEPOSITION TECHNIQUES TO FORM A NUCLEATION LAYER

### SPECIFICATION IDENTIFICATION

The specification of which:

- ☐ is attached hereto  
☒ was filed on October 3, 2001, having Serial No. 09/678,266 and was amended on \_\_\_\_\_ (if applicable)  
☐ was described and claimed in PCT International Application No. \_\_\_\_\_ filed on \_\_\_\_\_ and as amended under PCT Article 19 on \_\_\_\_\_.

### ACKNOWLEDGMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR

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## PRIORITY CLAIM (35 U.S.C. §119)

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- A. Prior foreign/PCT/provisional application(s) filed within 12 mos. (6 mos. for design) prior to this application, and any priority claims under 35 U.S.C. § 119

<u>Country/PCT</u>	<u>Application No</u>	<u>Date Filed</u>	<u>Priority Claimed</u>
			<input type="checkbox"/> Yes <input type="checkbox"/> No
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Country:  
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09/605,593	6/28/2000	Pending

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Lawrence Edelman	Registration No. 25,226
Joseph Bach	Registration No. 37,771
Raymond Kam-On Kwong	Registration No. 37,165
James C. Wilson	Registration No. 35,412
Robert W. Mulcahy	Registration No. 25,436
Kenneth C. Brooks	Registration No. 38,393

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Full name of sole inventor: Ming Xi

Inventor's signature: Ming Xi Date: 8/10/07  
Residence: Milpitas, California  
Post Office Address: 138 Beaumere Way  
Milpitas, California 95035  
U.S.A. Country of Citizenship: People's Republic of China

Full name of second inventor: Ashok Sinha

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Residence: Palo Alto, California  
Post Office Address: 4176 Hubbart Drive  
Palo Alto, California 95014  
U.S.A. Country of Citizenship: U.S.A.

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Full name of third inventor: Moris Kori

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Residence: Palo Alto, California  
Post Office Address: 55 Hamilton Drive  
Palo Alto, California 94301  
U.S.A. Country of Citizenship: U.S.A.

Full name of fourth inventor: Alfred W. Mak

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Residence: Union City, California  
Post Office Address: 32722 Fellows Court  
Union City, California 94587  
U.S.A. Country of Citizenship: U.S.A.

Full name of fifth inventor: Xinliang Lu

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Residence: Sunnyvale, California  
Post Office Address: 685 Garland Avenue #54  
Sunnyvale, California 94086  
U.S.A. Country of Citizenship: People's Republic of China

Full name of sixth inventor: Ken Kaung Lai

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Residence: Milpitas, California  
Post Office Address: 1354 Terra Alta Drive  
Milpitas, California 95035  
U.S.A. Country of Citizenship: Republic of China (Taiwan)

Full name of seventh inventor: Karl A. Littau

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Residence: Palo Alto, California  
Post Office Address: 3278 Bryant Street  
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Residence: Milpitas, California  
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Inventor's signature: Ashok K. Sinha Date: 8/21/01  
Residence: Palo Alto, California  
Post Office Address: 4176 Hubbart Drive  
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Residence: Union City, California  
Post Office Address: 32722 Fellows Court  
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Full name of fifth inventor: Xinliang Lu

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Residence: Sunnyvale, California  
Post Office Address: 685 Garland Avenue #54  
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U.S.A. Country of Citizenship: People's Republic of China

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Residence: Milpitas, California  
Post Office Address: 1354 Terra Alta Drive  
Milpitas, California 95035  
U.S.A. Country of Citizenship: Republic of China (Taiwan)

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Inventor's signature: Moris Kori Date: 8.13.2001  
Residence: Palo Alto, California  
Post Office Address: 55 Hamilton Drive  
Palo Alto, California 94301  
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Full name of fourth inventor: Alfred W. Mak

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Residence: Union City, California  
Post Office Address: 32722 Fellows Court  
Union City, California 94587  
U.S.A. Country of Citizenship: U.S.A.

Full name of fifth inventor: Xinliang Lu

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Residence: Sunnyvale, California  
Post Office Address: 685 Garland Avenue #54  
Sunnyvale, California 94086  
U.S.A. Country of Citizenship: People's Republic of China

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Post Office Address: 1354 Terra Alta Drive  
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Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: Palo Alto, California  
Post Office Address: 4176 Hubbart Drive  
Palo Alto, California 95014  
U.S.A.

Country of Citizenship: U.S.A.

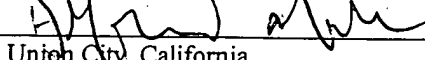
**BEST AVAILABLE COPY**

# COPY

Full name of third inventor: Moris Kori

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Residence: Palo Alto, California  
Post Office Address: 55 Hamilton Drive  
Palo Alto, California 94301  
U.S.A. Country of Citizenship: U.S.A.

Full name of fourth inventor: Alfred W. Mak

Inventor's signature:  Date: 8/10/01  
Residence: Union City, California  
Post Office Address: 32722 Fellows Court  
Union City, California 94587  
U.S.A. Country of Citizenship: U.S.A.

Full name of fifth inventor: Xinliang Lu

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Residence: Sunnyvale, California  
Post Office Address: 685 Garland Avenue #54  
Sunnyvale, California 94086  
U.S.A. Country of Citizenship: People's Republic of China

Full name of sixth inventor: Ken Kaung Lai

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Residence: Milpitas, California  
Post Office Address: 1354 Terra Alta Drive  
Milpitas, California 95035  
U.S.A. Country of Citizenship: Republic of China (Taiwan)

Full name of seventh inventor: Karl A. Littau

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Residence: Palo Alto, California  
Post Office Address: 3278 Bryant Street  
Palo Alto, California 94303  
U.S.A. Country of Citizenship: U.S.A.

(Declaration ends with this page)

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Atty. Dkt. No.4714 P1/AMI-00-11

## COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

This declaration is of the following type:

- ☐ original
- ☐ divisional
- ☐ continuation
- ☒ continuation-in-part

**MING XI, ASHOK SINHA, MORIS KORI, ALFRED W. MAK, XINLIANG LU, KEN KAUNG LAI AND  
KARL A. LITTAU**

My residence, post office address and citizenship are as stated below next to my name. I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

### TITLE OF INVENTION

**METHOD AND APPARATUS FOR DEPOSITING REFRACTORY METAL LAYERS EMPLOYING  
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### SPECIFICATION IDENTIFICATION

The specification of which:

- ☐ is attached hereto
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<u>Country/PCT</u>	<u>Application No</u>	<u>Date Filed</u>	<u>Priority Claimed</u>	
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Full name of sole inventor: Ming Xi

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: Milpitas, California

Post Office Address: 138 Beaumere Way  
Milpitas, California 95035  
U.S.A.

Country of Citizenship: People's Republic of China

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Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

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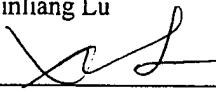
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- ☐ divisional
- ☐ continuation
- ☒ continuation-in-part

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Country:  
Application No:  
Filing date:

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Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: Milpitas, California  
Post Office Address: 138 Beaumere Way  
Milpitas, California 95035  
U.S.A.

Country of Citizenship: People's Republic of China

Full name of second inventor: Ashok Sinha

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence: Palo Alto, California  
Post Office Address: 4176 Hubbart Drive  
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U.S.A.

Country of Citizenship: U.S.A.

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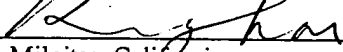
Full name of fourth inventor: Alfred W. Mak

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Residence: Union City, California  
Post Office Address: 32722 Fellows Court  
Union City, California 94587  
U.S.A. Country of Citizenship: U.S.A.

Full name of fifth inventor: Xinliang Lu

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Residence: Sunnyvale, California  
Post Office Address: 685 Garland Avenue #54  
Sunnyvale, California 94086  
U.S.A. Country of Citizenship: People's Republic of China

Full name of sixth inventor: Ken Kaung Lai

Inventor's signature:  Date: 8-13-2001  
Residence: Milpitas, California  
Post Office Address: 1354 Terra Alta Drive  
Milpitas, California 95035  
U.S.A. Country of Citizenship: Republic of China (Taiwan)

Full name of seventh inventor: Karl A. Littau

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Residence: Palo Alto, California  
Post Office Address: 3278 Bryant Street  
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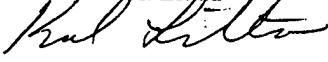
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